

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

ON protein - nucleic search, using frame\_plus\_p2n model

Run on: November 5, 2003, 19:41:06 / Search time 232 Seconds

(without alignments)  
2721.056 Million cells updates/sec

Title: US-09-915-789A-5\_COPY\_34\_282

Perfect score: 1276

Sequence: 1 RRSITVTVAAGNIGSDGI.....SSPFAISMALFLSPYLKLR 249

Scoring table:

BYOSUM62

Xgapop 10.0, Xgapext 0.5

Ygapop 10.0, Ygapext 0.5

Delop 6.0, Delext 7.0

Delop 6.0, Delext 7.0

Searched: 2141354 segs, 1595478879 residues

Total number of hits satisfying chosen parameters: 4282738

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Command line parameters:  
-O=/cgn2\_1/USPFO.spool.p/US09915789/Runat\_04112003\_15942\_19511/App\_query.fasta\_1\_391  
-DB=Published Applications NA -QEXT=fastad -SUFFIX=trpb -MINMATCH=0.1  
-LOOEXT=0 -LOOEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blcosum62  
-TRANS=human40.cdi -LIST=45 -DOCALLIGN=200 -THR\_SCORE=pct -THR\_MAX=100  
-THR\_MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pct -NORM=ext -HEA5IZE=500 -MINLEN=0  
-MAXLEN=2000000000 -USER=US09915789 @CGN 1 1 85 @Runat\_04112003\_15942\_19511  
-NCPU=6 -ICPU=3 -NO MMAP -LARGECQUERY -NEG\_SCORE=0 -WAIT -DSPBLCK=100  
-LONCLOG -DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5  
-FGAPOP=6 -FGAEXT=7 -YGAPOP=10 -YGAEXT=0.5 -DELOP=6 -DELEXT=7

Database:

Published Applications NA:  
1: /cgn2\_6/ptodata/2/pubpna/US07\_PUBCOMB.seq:  
2: /cgn2\_6/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:  
3: /cgn2\_6/ptodata/2/pubpna/US06\_PUBCOMB.seq:  
4: /cgn2\_6/ptodata/2/pubpna/US06\_PUBCOMB.seq:  
5: /cgn2\_6/ptodata/2/pubpna/US07\_NEW\_PUB.seq:  
6: /cgn2\_6/ptodata/2/pubpna/PCTUS\_PUBCOMB.seq:  
7: /cgn2\_6/ptodata/2/pubpna/US08\_NEW\_PUB.seq:  
8: /cgn2\_6/ptodata/2/pubpna/US08\_PUBCOMB.seq:  
9: /cgn2\_6/ptodata/2/pubpna/US09\_PUBCOMB.seq:  
10: /cgn2\_6/ptodata/2/pubpna/US09\_PUBCOMB.seq:  
11: /cgn2\_6/ptodata/2/pubpna/US09C\_PUBCOMB.seq:  
12: /cgn2\_6/ptodata/2/pubpna/US09\_NEW\_PUB.seq:  
13: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:  
14: /cgn2\_6/ptodata/2/pubpna/US10\_PUBCOMB.seq:  
15: /cgn2\_6/ptodata/2/pubpna/US10\_NEW\_PUB.seq:  
16: /cgn2\_6/ptodata/2/pubpna/US06\_NEW\_PUB.seq:  
17: /cgn2\_6/ptodata/2/pubpna/US06\_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARY

Result No.	Score	Query Match Length	ID	Description
1	1276	100.0	849	10 US-09-915-789A-6

2	1276	100.0	1065	9	US-09-877-065-5	Sequence 5, App1:
3	1276	100.0	1658	9	US-09-989-722-290	Sequence 290, App
4	1276	100.0	1658	9	US-09-889-722-290	Sequence 290, App
5	1276	100.0	1658	9	US-09-989-727-290	Sequence 290, App
6	1276	100.0	1658	9	US-09-989-727-290	Sequence 290, App
7	1276	100.0	1658	10	US-09-989-722-290	Sequence 290, App
8	1276	100.0	1658	10	US-09-989-722-290	Sequence 290, App
9	1276	100.0	1658	10	US-09-991-073-290	Sequence 290, App
10	1276	100.0	1658	10	US-09-990-442-290	Sequence 290, App
11	1276	100.0	1658	10	US-09-991-162-290	Sequence 290, App
12	1276	100.0	1658	10	US-09-993-604-290	Sequence 290, App
13	1276	100.0	1658	10	US-09-993-456-290	Sequence 290, App
14	1276	100.0	1658	10	US-09-989-721-290	Sequence 290, App
15	1276	100.0	1658	10	US-09-992-599-290	Sequence 290, App
16	1276	100.0	1658	10	US-09-989-291A-290	Sequence 290, App
17	1276	100.0	1658	10	US-09-989-733-290	Sequence 290, App
18	1276	100.0	1658	10	US-09-990-444-290	Sequence 290, App
19	1276	100.0	1658	10	US-09-991-181-290	Sequence 290, App
20	1276	100.0	1658	10	US-09-989-730-290	Sequence 290, App
21	1276	100.0	1658	10	US-09-990-436-290	Sequence 290, App
22	1276	100.0	1658	10	US-09-993-687-290	Sequence 290, App
23	1276	100.0	1658	11	US-09-989-734-290	Sequence 290, App
24	1276	100.0	1658	11	US-09-997-653-290	Sequence 290, App
25	1276	100.0	1658	11	US-09-993-667-290	Sequence 290, App
26	1276	100.0	1658	11	US-09-997-428-290	Sequence 290, App
27	1276	100.0	1658	11	US-09-997-666-290	Sequence 290, App
28	1276	100.0	1658	11	US-09-990-438-290	Sequence 290, App
29	1276	100.0	1658	11	US-09-990-562-290	Sequence 290, App
30	1276	100.0	1658	11	US-09-990-711-290	Sequence 290, App
31	1276	100.0	1658	11	US-09-989-726-290	Sequence 290, App
32	1276	100.0	1658	11	US-09-989-156-290	Sequence 290, App
33	1276	100.0	1658	11	US-09-990-437-290	Sequence 290, App
34	1276	100.0	1658	11	US-09-991-157-290	Sequence 290, App
35	1276	100.0	1658	11	US-09-997-514-290	Sequence 290, App
36	1276	100.0	1658	11	US-09-997-573-290	Sequence 290, App
37	1276	100.0	1658	11	US-09-997-1172-290	Sequence 290, App
38	1276	100.0	1658	11	US-09-990-726-290	Sequence 290, App
39	1276	100.0	1658	11	US-09-997-559-290	Sequence 290, App
40	1276	100.0	1658	11	US-09-997-601-290	Sequence 290, App
41	1276	100.0	1658	11	US-09-990-443-290	Sequence 290, App
42	1276	100.0	1658	11	US-09-992-769-4	Sequence 4, App1:
43	1276	100.0	1658	11	US-09-991-854-290	Sequence 290, App
44	1276	100.0	1658	11	US-09-997-628-290	Sequence 290, App
45	1276	100.0	1658	11	US-09-997-683-290	Sequence 290, App

#### ALIGNMENTS

RESULT 1  
US-09-915-789A-6  
Sequence 6, Application US/09915789A  
Patent No. US20020168762A1  
GENERAL INFORMATION:  
APPLICANT: Chen, Lieping  
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY  
FILE REFERENCE: 07038-219001  
CURRENT APPLICATION NUMBER: US/09/915, 789A  
CURRENT FILING DATE: 2002-06-04  
PRIOR APPLICATION NUMBER: US 60/220, 991  
PRIOR FILING DATE: 2000-07-27  
NUMBER OF SEQ ID NOS: 23  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 6  
LENGTH: 849  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-915-789A-6

Alignment Scores:  
Pred. No.: 1 66e-157  
Score: 1276.00  
Percent Similarity: 100.004  
Length: 849  
Matches: 249  
Conservative: 0

Best Local Similarity: 100.00%  
Query Match: 100.00%  
DB: 10  
Mismatches: 0  
Indels: 0  
Gaps: 0

US-09-915-789a-5\_COPY\_34\_282 (1-249) x US-09-915-789a-6 (1-849)

```
QY 1 ArgHisSerIleThrValAlaSerAlaGlyAsnIleGlyGluAspGlyLeu 20
DB 100 AGACACCTCCATCAGACAGTACTAGTGGCCCTCAGCTGGGAACATTGGGGAGATGCAATC 159
QY 21 LeuSerCysThrPheGluProAspIleLysLeuSerAspIleValIleGlnTyrPheLys 40
DB 160 CTGAGCTGCACCTTTGAACTGCACATCAACTTTCATATCGGATACATGGCTGAAG 219
QY 41 GluGlyValLeuGlyLeuValHisGluPheLysGluGlyLysAspGluLeuSerGluGln 60
DB 220 GAAGGTGTTTAGCTGGCTGGCTCATGACTCAAAAGAGCAAAAGTGAAGCTGTGGAGCCAG 279
QY 61 AspGluMetPheArgGlyArgThrAlaValPheAlaAspGlnValIleValGlyAsnAla 80
DB 280 GATGAAATGTTCAAGAGCCCGACAGCAGTGTGTGATCAGATGATGGCAATGCC 339
QY 81 SerLeuArgLeuLysAsnValGlnLeuThrAspAlaGlyThrTyrCysGlyTyrIleLeu 100
DB 340 TCTTTGGGCTGAAAAAGGTCACACTCAGATGCTGCGACCTACAAATGTTATATCATC 399
QY 101 ThrSerLysGlyLysGlyAsnValAsnLeuGlnTyrLysThrGlyAlaPheSerMetPro 120
DB 400 ACTTCTAAAGGCAAGGGGAAATGCTAACCTTGAGATTAATACTGGAGCTTCACCATGCCG 459
QY 121 GluValAsnValAspTyrAsnAlaSerSerGlnThrLeuArgCysGluAlaProArgTyr 140
DB 460 GAATGATGTGGAGCTTAAATGCCAGCTCAGAGACCTTGGGTGTGGCTCCCGCATGCG 519
QY 141 PheProGlnProThrValValTyrAlaSerGlnValAspGlnGlyAlaAsnPheSerGlu 160
DB 520 TTCCCCCAGCCCAAGTCGTGTTGGCATCCCACTTCCCACTTCCCACTTCCGGA 579
QY 161 ValSerAsnThrSerPheGluLeuAsnSerGlnAsnValThrMetLysValIleSerVal 180
DB 580 GTCTCCAAATACCACTTGAAGCTGAGATGATGACATGAGATGAGATGAGTGTGTGTG 639
QY 181 LeuTyrAsnValTyrIleAsnAsnThrTyrSerCysMetIleGluAsnAspIleAlaLys 200
DB 640 CTTCACAAATGTTAGATCAACACACATCTCCGTGTGATTTGAAATGCATTGGCCAA 699
QY 201 AlaThrGlyAspIleLysValThrGluSerGluIleLysArgArgSerHisLeuGlnLeu 220
DB 760 GCAACAGGGGATATCAAAAGTACAGAAATCGAGATCAAAAGCGGAGATCCTACAGCTG 759
QY 221 LeuAsnSerLysAlaSerLeuCysValSerSerPhePheAlaIleSerTyrAlaLeuLeu 240
DB 760 CTAAACTCAAAAGGCTTCTCTGTGTGTCTTCTTCTTCTTCTTCTTCTTCTTCTG 849
QY 241 ProLeuSerProTyrIleMetLeuLys 249
DB 820 CCTCTCAGCCCTTACCTGATCTTAAAA 846
```

RESULT 2  
US-09-877-065-5  
Sequence 5, Application US/09877065  
Patent No. US20020051990A1  
GENERAL INFORMATION  
APPLICANT: OPLE, ERIC  
APPLICANT: MCLACHLAN, KAREN  
APPLICANT: HEARD, CHERYL J.  
TITLE OF INVENTION: NOVEL GENE TARGETS AND STRANDS THAT BIND THEREO  
FILE REFERENCE: 037003-0280691  
CURRENT APPLICATION NUMBER: US/09/877,065  
CURRENT FILING DATE: 2001-06-11  
PRIOR APPLICATION NUMBER: 60/210,451  
PRIOR FILING DATE: 2000-06-09

NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 5  
LENGTH: 1065  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-877-065-5

## Alignment Scores:

Pred. No.:	2,39e-157	Length:	1065
Score:	2276.00	Matches:	249
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatch:	0
Query Match:	100.00%	Indels:	0
DB:	9	Gaps:	0

US-09-915-789a-5\_COPY\_34\_282 (1-249) x US-09-877-065-5 (1-1065)

```
QY 1 ArgHisSerIleThrValAlaSerAlaGlyAsnIleGlyGluAspGlyLeu 20
DB 171 AGACACCTCCATCAGACAGTACTAGTGGCCCTCAGCTGGGAACATTGGGGAGATGCAATC 230
QY 21 LeuSerCysThrPheGluProAspIleLysLeuSerAspIleValIleGlnTyrPheLys 40
DB 231 CTGAGCTGCACCTTTGAACTGCACATCAACTTTCATATCGGATACATGGCTGAAG 290
QY 41 GluGlyValLeuGlyLeuValHisGluPheLysGluGlyLysAspGluLeuSerGluGln 60
DB 291 GAAGGTGTTTAGCTGGCTGGCTCATGACTCAAAAGAGCAAAAGTGAAGCTGTGGAGCCAG 350
QY 61 AspGluMetPheArgGlyArgThrAlaValPheAlaAspGlnValIleValGlyAsnAla 80
DB 351 GATGAAATGTTCAAGAGCCCGACAGCAGTGTGTGATCAGATGATGGCAATGCC 410
QY 81 SerLeuArgLeuLysAsnValGlnLeuThrAspAlaGlyThrTyrLysCysTyrIleLeu 100
DB 411 TCTTTGGGCTGAAAAAGGTCACACTCAGATGCTGCGACCTACAAATGTTATATCATC 470
QY 101 ThrSerLysGlyLysGlyAsnValAsnLeuGlnTyrLysThrGlyAlaPheSerMetPro 120
DB 471 ACTTCTAAAGGCAAGGGGAAATGCTAACCTTGAGATTAATACTGGAGCTTCACCATGCCG 530
QY 121 GluValAsnValAspTyrAsnAlaSerSerGlnThrLeuArgCysGluAlaProArgTyr 140
DB 531 GAATGATGTGGAGCTTAAATGCCAGCTCAGAGACCTTGGGTGTGGCTCCCGATGG 590
QY 141 PheProGlnProThrValValTyrAlaSerGlnValAspGlnGlyAlaAsnPheSerGlu 160
DB 591 TTCCCCCAGCCCAAGTCGTGTTGGCATCCCACTTCCCACTTCCCACTTCCGGA 650
QY 161 ValSerAsnThrSerPheGluLeuAsnSerGlnAsnValThrMetLysValIleSerVal 180
DB 651 GTCTCCAAATACCACTTGAAGCTGAGATGATGACATGAGATGAGATGAGTGTGTGTG 710
QY 181 LeuTyrAsnValTyrIleAsnAsnThrTyrSerCysMetIleGluAsnAspIleAlaLys 200
DB 711 CTTCACAAATGTTAGATCAACACATCTCCGTGTGATTTGAAATGCATTGGCCAA 770
QY 201 AlaThrGlyAspIleLysValThrGluSerGluIleLysArgArgSerHisLeuGlnLeu 220
DB 771 GCAACAGGGGATATCAAAAGTACAGAAATCGAGATCAAAAGCGGAGATCCTACAGCTG 830
QY 221 LeuAsnSerLysAlaSerLeuCysValSerSerPhePheAlaIleSerTyrAlaLeuLeu 240
DB 831 CTAAACTCAAAAGGCTTCTCTGTGTGTCTTCTTCTTCTTCTTCTTCTTCTTCTG 890
QY 241 ProLeuSerProTyrIleMetLeuLys 249
DB 891 CCTCTCAGCCCTTACCTGATCTTAAAA 917
```

RESULT 3  
US-09-989-722-290  
Sequence 290, Application US/09989722

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OK protein - nucleic search, using frame\_plus\_p2n model

Run on: November 5, 2003, 18:46:27; Search time 76 Seconds

(without alignments)  
1446.111 Million cells updates/sec

Title: US-09-915-789A-5\_COPY\_34\_282

Perfect score: 1276

Sequence: 1 RHSHITVTVASAGNIGEDG.....SEFFAISNMLPLSPYLMX 249

Scoring table: BLOSUM62

Xgapop 10.0, Ygapext 0.5

Xgapop 6.0, Ygapext 7.0

Delop 6.0, De-ext 7.0

Searched: 56978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:  
-MODEL=frame+ p2n.model -DEV=xip  
-Q=/cgn2\_6/ptodata/2/ins/58 COMB.seq.\*  
-DB=Issued\_Patents\_NA -OPMT=fastacp -SUFFIX=rni -MINMATCH=0.1 -LOPEXT=8  
-LOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human4.ccdi  
-LIST=45 -DOCALL=200 -THR\_SCORE=500 -THR\_MAX=100 -THR\_MIN=0 -ALIGN=15  
-MODE=LOCAL -OUTFILE=pcio -HEAPSIZE=500 -MINLEN=0 -MAXLEN=200000000  
-USER=J509915789 @CGN 1 1 65 @runat 04112003 15394.19475 -MCPU=6 -ICPU=3  
-NO MAP -ARGCHQERY -NEG\_SCORES=0 -WAIT -DSFBLOCK=100 -LONCLOC  
-DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6  
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database: Issued\_Patents\_NA.\*  
1: /cgn2\_6/ptodata/2/ins/58 COMB.seq.\*  
2: /cgn2\_6/ptodata/2/ins/58 COMB.seq.\*  
3: /cgn2\_6/ptodata/2/ins/58 COMB.seq.\*  
4: /cgn2\_6/ptodata/2/ins/58 COMB.seq.\*  
5: /cgn2\_6/ptodata/2/ins/58 COMB.seq.\*  
6: /cgn2\_6/ptodata/2/ins/58 COMB.seq.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1276	100.0	1658	4	US-09-996-243-290
2	1276	100.0	2627	4	US-09-404-673A-391
3	241.5	18.9	1020	4	US-09-651-200-7
4	241.5	18.9	1323	4	US-09-651-200-9
5	241.5	18.9	1602	4	US-09-651-200-11
6	241.5	18.9	2229	4	US-09-651-200-5
7	241.5	18.9	2691	4	US-09-651-200-3
8	241.5	18.9	2885	4	US-09-651-200-3
9	241.5	18.9	3363	4	US-09-620-3123-844
10	223	17.5	3416	2	US-08-724-394A-15
11	212.5	16.7	2926	2	US-08-724-394A-15
12	207.5	16.3	1645	2	US-08-724-394A-14

13	158.5	14.8	1080	4	US-09-303-040-5
14	179.5	14.1	2882	2	US-08-724-394A-12
15	173	13.6	3502	2	US-08-724-394A-16
16	160	12.5	900	4	US-09-495-052-61
17	157.5	12.3	1151	2	US-08-456-104-3
18	157.5	12.3	1151	3	US-08-205-697A-20
19	157.5	12.3	1151	5	US-08-702-525-20
20	157.5	12.3	1151	5	PCT-US95-02576-20
21	157.5	12.3	1153	3	US-08-479-744A-22
22	157.5	12.3	1153	3	US-08-280-757B-22
23	157.5	12.3	1153	3	US-08-205-697A-12
24	157.5	12.3	1261	3	US-08-702-525-12
25	157.5	12.3	1261	5	PCT-US95-02576-12
26	147.5	11.6	953	4	US-09-667-135-5
27	146	11.4	1816	3	US-07-865-662F-5
28	146	11.4	1816	3	US-08-374-219B-5
29	146	11.4	1822	1	US-07-865-662F-6
30	146	11.4	1822	3	US-08-374-219B-6
31	146	11.4	3134	1	US-07-865-662F-7
32	146	11.4	3134	3	US-08-374-219B-7
33	144	11.3	1785	1	US-07-865-662F-4
34	144	11.3	1785	3	US-08-374-219B-4
35	141.5	11.2	1831	4	US-09-667-135-27
36	141	11.1	972	3	US-08-848-760B-11
37	141	11.1	1032	3	US-09-039-982A-33
38	141	11.1	1032	3	US-09-039-982A-33
39	141	11.1	1032	3	US-09-039-982A-33
40	141	11.1	1032	4	US-09-042-492D-33
41	141	11.1	1002	4	US-08-913-612A-33
42	141	11.1	1080	5	PCT-US94-10257A-1
43	141	11.1	1120	2	US-08-456-104-1
44	141	11.1	1120	2	US-08-102-624-1
45	141	11.1	1120	3	US-08-479-744A-1

## ALIGNMENTS

RESULT 1  
US-09-996-243-290  
Sequence 290, Application US/09996243  
Parent No. 6478825  
GENERAL INFORMATION:  
APPLICANT: Askenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemit  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730PIC3  
CURRENT APPLICATION NUMBER: US/09/996,243  
PRIORITY FILING DATE: 2001-11-14  
PRIORITY FILING DATE: 1997-06-16

Thu Nov 6 08:35:28 2003

us-09-915-789a-5 copy 34 282.rn1

Page 2

PRIOR APPLICATION NUMBER: 60/062350	PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/065186	PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311	PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770	PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945	PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910	PRIOR FILING DATE: 1998-03-22
PRIOR APPLICATION NUMBER: 60/083322	PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106	PRIOR FILING DATE: 1998-05-25
PRIOR APPLICATION NUMBER: 60/087637	PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087639	PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759	PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827	PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021	PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088225	PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326	PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088328	PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029	PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088031	PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088202	PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212	PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217	PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655	PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734	PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738	PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742	PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810	PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088824	PRIOR FILING DATE: 1998-06-13
PRIOR APPLICATION NUMBER: 60/088826	PRIOR FILING DATE: 1998-06-13
PRIOR APPLICATION NUMBER: 60/088859	PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861	PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876	PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089055	PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440	PRIOR FILING DATE: 1998-06-12

[illegible]

PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089512
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089514
PRIOR FILING DATE:	1998-06-16
PRIOR APPLICATION NUMBER:	60/089512
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089538
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089588
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089599
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089600
PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089908
PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089947
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/089948
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/089952
PRIOR FILING DATE:	1998-06-19
PRIOR APPLICATION NUMBER:	60/090246
PRIOR FILING DATE:	1998-06-22
PRIOR APPLICATION NUMBER:	60/090252
PRIOR FILING DATE:	1998-06-22
PRIOR APPLICATION NUMBER:	60/090254
PRIOR FILING DATE:	1998-06-22
PRIOR APPLICATION NUMBER:	60/090429
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090433
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090435
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090444
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090445
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090455
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090472
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090553
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090576
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090678
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090678
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090696
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090696
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090682
PRIOR FILING DATE:	1998-06-26

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd

ON: nucleic - nucleic search, using sw model

```
Run on:      November 5, 2003, 18:25:03 ; Search time 355 Seconds
              (without alignments)
              8335.763 Million cell updates/sec
```

Title: US-09-915-789A-6

Sequence: 1 atggcttcctgggcagat.....ctaacctgatgctaataa 843

Scoring table: IDENTITY\_NUC

Searched: 2141354 segs, 1595478879 residues

Total number of hits satisfying chosen parameters: 4282738

```
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
```

```
Post-processing: Minimum Match 0%
                  Maximum Match 100%
                  Listing first 45 summaries
```

```
Database : Published Applications NA.*
1: /cgn2_6/p/odataa/2/pubnna/US07_PUBCOMB.seg.*
2: /cgn2_6/p/odataa/2/pubnna/PRT_NEW_PUB.seg.*
3: /cgn2_6/p/odataa/2/pubnna/US06_NEW_PUB.seg.*
4: /cgn2_6/p/odataa/2/pubnna/US06_PUBCOMB.seg.*
5: /cgn2_6/p/odataa/2/pubnna/US07_NEW_PUB.seg.*
6: /cgn2_6/p/odataa/2/pubnna/PCMB_PUBCOMB.seg.*
7: /cgn2_6/p/odataa/2/pubnna/US08_NEW_PUB.seg.*
8: /cgn2_6/p/odataa/2/pubnna/US08_PUBCOMB.seg.*
9: /cgn2_6/p/odataa/2/pubnna/US09A_PUBCOMB.seg.*
10: /cgn2_6/p/odataa/2/pubnna/US09B_PUBCOMB.seg.*
11: /cgn2_6/p/odataa/2/pubnna/US09C_PUBCOMB.seg.*
12: /cgn2_6/p/odataa/2/pubnna/US09_NEW_PUB.seg.*
13: /cgn2_6/p/odataa/2/pubnna/US10A_PUBCOMB.seg.*
14: /cgn2_6/p/odataa/2/pubnna/US10B_PUBCOMB.seg.*
15: /cgn2_6/p/odataa/2/pubnna/US10_NEW_PUB.seg.*
16: /cgn2_6/p/odataa/2/pubnna/US06_NEW_PUB.seg.*
17: /cgn2_6/p/odataa/2/pubnna/US06_PUBCOMB.seg.*
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

## SUMMARY

Result	No	Score	Query	Length	DB	ID	Description
1	849	100.0	849	10	US-09-915-789A-6	Sequence 6, App1	
2	849	100.0	1055	9	US-09-877-065-5	Sequence 5, App1	
3	849	100.0	1658	9	US-09-989-723-290	Sequence 290, App	
4	849	100.0	1658	9	US-09-989-723-290	Sequence 290, App	
5	849	100.0	1658	9	US-09-989-727-290	Sequence 290, App	
6	849	100.0	1658	9	US-09-989-727-290	Sequence 290, App	
7	849	100.0	1658	10	US-09-989-732-290	Sequence 290, App	
8	849	100.0	1658	10	US-09-989-732-593	Sequence 290, App	
9	849	100.0	1658	10	US-09-991-073-593	Sequence 290, App	
10	849	100.0	1658	10	US-09-990-442-290	Sequence 290, App	
11	849	100.0	1658	10	US-09-991-153-290	Sequence 290, App	
12	849	100.0	1658	10	US-09-993-604-290	Sequence 290, App	
13	849	100.0	1658	10	US-09-990-446-290	Sequence 290, App	
14	849	100.0	1658	10	US-09-989-721-290	Sequence 290, App	
15	849	100.0	1658	10	US-09-992-558-290	Sequence 290, App	
16	849	100.0	1658	10	US-09-989-293A-290	Sequence 290, App	

17	849	100.0	1658	-0	US-09-989-735-290	Sequence 290, App
18	849	100.0	1658	10	US-09-990-444-290	Sequence 290, App
19	849	100.0	1658	10	US-09-991-184-290	Sequence 290, App
20	849	100.0	1658	10	US-09-989-730-290	Sequence 290, App
21	849	100.0	1658	10	US-09-990-436-290	Sequence 290, App
22	849	100.0	1658	10	US-09-993-687-290	Sequence 290, App
23	849	100.0	1658	10	US-09-989-734-290	Sequence 290, App
24	849	100.0	1658	11	US-09-997-667-290	Sequence 290, App
25	849	100.0	1658	11	US-09-993-667-290	Sequence 290, App
26	849	100.0	1658	-2	US-09-997-428-290	Sequence 290, App
27	849	100.0	1658	11	US-09-997-466-290	Sequence 290, App
28	849	100.0	1658	11	US-09-990-438-290	Sequence 290, App
29	849	100.0	1658	11	US-09-990-562-290	Sequence 290, App
30	849	100.0	1658	11	US-09-990-711-290	Sequence 290, App
31	849	100.0	1658	11	US-09-989-726-290	Sequence 290, App
32	849	100.0	1658	11	US-09-998-156-290	Sequence 290, App
33	849	100.0	1658	11	US-09-990-437-290	Sequence 290, App
34	849	100.0	1658	11	US-09-991-157-290	Sequence 290, App
35	849	100.0	1658	11	US-09-997-514-290	Sequence 290, App
36	849	100.0	1655	11	US-09-997-573-290	Sequence 290, App
37	849	100.0	1658	11	US-09-991-172-290	Sequence 290, App
38	849	100.0	1658	11	US-09-990-726-290	Sequence 290, App
39	849	100.0	1658	11	US-09-997-559-290	Sequence 290, App
40	849	100.0	1658	11	US-09-997-601-290	Sequence 290, App
41	849	100.0	1658	11	US-09-990-443-290	Sequence 290, App
42	849	100.0	1658	11	US-09-929-769-4	Sequence 4, April
43	849	100.0	1658	11	US-09-991-854-290	Sequence 290, App
44	849	100.0	1658	11	US-09-997-628-290	Sequence 290, App
45	849	100.0	1658	-1	US-09-997-683-290	Sequence 290, App

## ALIGNMENTS

```

1. RESULT 1
2. US-03-915-789A-6
3. Sequence 6, Application US/09915789A
4. Patent No. US20020168762A1
5. GENERAL INFORMATION:
6. APPLICANT: Gen. Leping
7. TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
8. TITLE OF INVENTION: MOLECULES
9. FIVE REFERENCE: 37039-219051
10. CURRENT APPLICATION NUMBER: US/09/915-789A
11. CURRENT FILING DATE: 2002-06-04
12. PRIOR APPLICATION NUMBER: US 60/220,391
13. PRIOR FILING DATE: 2000-07-27
14. NUMBER OF SEQ. ID NOS: 23
15. SOFTWARE: FastSeq for Windows Version 4.0
16. SEQ. ID NO 6
17. LENGTH: 849
18. TYPE: DNA
19. ORGANISM: Homo sapiens
20. US-09-915-789A-6

```

Query Match	100.0%;	Score 849;	DB 10;	Length 849;
-------------	---------	------------	--------	-------------

	Matches	849: Conservative	0: Mismatches	0: Indels	0: Gaps
QY	1	ATGGGCTTCCTGGGGGAGATTCCTCTTCGAGGCAATATAGCATCATATATCTGGCT	60		
Db	1	ATGGCTTCCTGGGGGAGATTCCTCTTCGAGGCAATATAGCATCATATATCTGGCT	60		
QY	61	GGAGCAATTGCACTATCATTTGGCTTTGGTATTTTCAGGGACACTCCATCAGCTCACT	120		
Db	61	GGAGCAATTGCACTATCATTTGGCTTTGGTATTTTCAGGGACACTCCATCAGCTCACT	120		
QY	121	ACGTGGCCCTCAGCTGGGAACATTGGGGGAGATGTAATCCTGAGCTGCATTTGAACT	180		
Db	121	ACGTGGCCCTCAGCTGGGAACATTGGGGGAGATGTAATCCTGAGCTGCATTTGAACT	180		
QY	181	GACATCAAACTTTGATATTCGTATACATAGCTGAAGGAGGTTTATAGCTTGGTC	240		

Db 181 GACATCAAACTTCTGATATGCTATCAATAGCTGAAAGAGGTGTTTAGCTTGTC 240  
Cy 241 CATAGTTCAGAAAGGAGAAAGATGAGCTGTGCGAGAGAGATGAAATGTTTCAGAGCCCG 300  
Db 241 CATGAGTTCAGAAAGGAGAAAGATGAGCTGTGCGAGAGAGATGAAATGTTTCAGAGCCCG 300  
Cy 301 ACAGCAGTGTGCTGATCAAGTATAGTTCGCAATGCTCTTTGCGGCTGAAAAACCTG 360  
Db 301 ACAGCAGTGTGCTGATCAAGTATAGTTCGCAATGCTCTTTGCGGCTGAAAAACCTG 360  
Cy 361 CAATCAGACATGCTGCGACCTACAAATGTTATATCATCTTCTTAAAGCAAGGGAAAT 420  
Db 361 CAATCAGACATGCTGCGACCTACAAATGTTATATCATCTTCTTAAAGCAAGGGAAAT 420  
Cy 421 GCTAACCTTGAATTAATGAGAGCTGAGAGCTGAGAGAGAGAGAGAGAGAGAGAGAG 460  
Db 421 GCTAACCTTGAATTAATGAGAGCTGAGAGCTGAGAGAGAGAGAGAGAGAGAGAGAG 460  
Cy 481 GCGAGCTGAGAGAGCTTGGCGGTGTGAGGCTTCCCGATGATTTCCCGAGCCGACAGTGTG 540  
Db 481 GCGAGCTGAGAGAGCTTGGCGGTGTGAGGCTTCCCGATGATTTCCCGAGCCGACAGTGTG 540  
Cy 541 TGGGATCCCAAGTGAAG 600  
Db 541 TGGGATCCCAAGTGAAG 600  
Cy 601 CTGAAGCTGTGAGATGAG 660  
Db 601 CTGAAGCTGTGAGATGAG 660  
Cy 661 AACCATATCTCTGTATGATTTGAAATGATTTGCAATTTGCAATTTGCAATTTGCAAT 720  
Db 661 AACCATATCTCTGTATGATTTGAAATGATTTGCAATTTGCAATTTGCAATTTGCAAT 720  
Cy 721 ACAGATTCGAGATCAAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780  
Db 721 ACAGATTCGAGATCAAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780  
Cy 781 TGTGCT 840  
Db 781 TGTGCT 840  
Cy 841 CTAATAATTA 849  
Db 841 CTAATAATTA 849

RESULT 2  
US-09-877-065-5

Sequence 5, Application US/099877065  
Patent No. US20020051990A1  
GENERAL INFORMATION:  
APPLICANT: OPLE, ERIC  
APPLICANT: KOLACHIAN, KAREN  
APPLICANT: HEARD, CHERYL J.  
TITLE OF INVENTION: NOVEL GENE TARGETS AND LIGANDS THAT BIND THEREOF FOR  
TREATMENT OF INFECTION, TREATMENT AND DIAGNOSIS OF OVARIAN CARCINOMAS  
FILE REFERENCE: 037003-0280631  
CURRENT APPLICATION NUMBER: US/09/877,065  
PRIOR FILING DATE: 2001-06-11  
PRIOR APPLICATION NUMBER: 50/220,451  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: Patent Ver. 2.1  
SEQ ID NO 5  
LENGTH: 1065  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-877-065-5

Query Match 100.0%; Score 849; DB 9; Length 1065;  
Best Local Similarity 100.0%; Pred. No. 2,9e-278;  
Matches 849; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 ATGCTTCCCTGGGAGAGATCTCTCTCTGAGACATTAATAGATCATATATTTCTGCT 60  
Db 72 ATGCTTCCCTGGGAGAGATCTCTCTCTGAGACATTAATAGATCATATATTTCTGCT 131  
Cy 61 GAGCAATTCATCTCATATGAGCTTGTGATTTTCAAGGAGACATCATACAGTCACT 120  
Db 132 GAGCAATTCATCTCATATGAGCTTGTGATTTTCAAGGAGACATCATACAGTCACT 191  
Cy 122 ACTGTGCTCAGCTGAGAAATTTGGGAGAGATGGAATCTCTGAGTCACTTTGAACCT 180  
Db 192 ACTGTGCTCAGCTGAGAAATTTGGGAGAGATGGAATCTCTGAGTCACTTTGAACCT 251  
Cy 181 GACATCAAACTTCTGATATGATATGATATGATATGATATGATATGATATGATATGAT 240  
Db 252 GACATCAAACTTCTGATATGATATGATATGATATGATATGATATGATATGATATGAT 311  
Cy 241 CATGAGTTCAGAAAGGAG 300  
Db 312 CATGAGTTCAGAAAGGAG 371  
Cy 301 ACAGCAGTGTGCTGATCAAGTATAGTTCGCAATGCTCTTTGCGGCTGAAAAACCTG 360  
Db 372 ACAGCAGTGTGCTGATCAAGTATAGTTCGCAATGCTCTTTGCGGCTGAAAAACCTG 431  
Cy 361 CAATCAGACATGCTGCGACCTACAAATGTTATATCATCTTCTTAAAGCAAGGGAAAT 420  
Db 432 CAATCAGACATGCTGCGACCTACAAATGTTATATCATCTTCTTAAAGCAAGGGAAAT 491  
Cy 421 GCTAACCTTGAATTAATGAGAGCTGAGAGCTGAGAGAGAGAGAGAGAGAGAGAGAG 480  
Db 492 GCTAACCTTGAATTAATGAGAGCTGAGAGCTGAGAGAGAGAGAGAGAGAGAGAGAG 551  
Cy 481 GCGAGCTGAGAGAGCTTGGCGGTGTGAGGCTTCCCGATGATTTCCCGAGCCGACAGTGTG 540  
Db 552 GCGAGCTGAGAGAGCTTGGCGGTGTGAGGCTTCCCGATGATTTCCCGAGCCGACAGTGTG 611  
Cy 541 TGGGATCCCAAGTGAAG 600  
Db 612 TGGGATCCCAAGTGAAG 671  
Cy 601 CTGAAGCTGTGAGATGAG 660  
Db 672 CTGAAGCTGTGAGATGAG 731  
Cy 661 AACCATATCTCTGTATGATTTGAAATGATTTGCAATTTGCAATTTGCAATTTGCAAT 720  
Db 732 AACCATATCTCTGTATGATTTGAAATGATTTGCAATTTGCAATTTGCAATTTGCAAT 791  
Cy 721 ACAGATTCGAGATCAAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780  
Db 792 ACAGATTCGAGATCAAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 851  
Cy 781 TGTGCT 840  
Db 852 TGTGCT 911  
Cy 841 CTAATAATTA 849  
Db 912 CTAATAATTA 920

RESULT 3  
US-09-989-722-290

Sequence 290, Application US/09989722  
Patent No. US20020072267A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eilat, Dan L.  
APPLICANT: Ferrara, Napoleone

SenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OK nucleic - nucleic search, using sw model

Run on: November 5, 2003, 15:49:20 : Search time 81 Seconds

(without alignments)  
4626.349 Million cell updates/sec

Title: US-09-915-789A-6

Perfect score: 849

Sequence: 1 atggctccctgsgagac.....cttaccgtatgtaataaa 849

Scoring table: IDENTITY NJC

Gapop 10.0, Gapext 1.0

Searched: 569979 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 113956

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 3%

Maximum Match 100%

Listing first 45 summaries

Database:

1: /cgn2\_6/prodata/2/ina/5A\_COMB.seq.\*

2: /cgn2\_6/prodata/2/ina/5B\_COMB.seq.\*

3: /cgn2\_6/prodata/2/ina/5A\_COMB.seq.\*

4: /cgn2\_6/prodata/2/ina/5B\_COMB.seq.\*

5: /cgn2\_6/prodata/2/ina/5A\_COMB.seq.\*

6: /cgn2\_6/prodata/2/ina/5B\_COMB.seq.\*

Pred. No. is the number of results predicted by change to have a  
score greater than or equal to the score of the result being printed.  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	849	100.0	1658	4	US-09-996-243-290
2	849	100.0	2627	4	US-09-904-879A-391
3	38.4	4.5	34.6	2	US-08-724-394A-15
4	38.2	4.5	1645	2	US-08-724-394A-14
5	38	4.5	2296	2	US-08-724-394A-13
6	36.4	4.3	2882	2	US-08-724-394A-12
7	36	4.2	1764	4	US-09-392-097-1
8	36	4.2	18.0	4	US-09-369-247-1
9	35.4	4.2	1399	3	US-09-188-930-196
10	35.4	4.2	1399	4	US-09-312-283C-198
11	35.2	4.1	518	4	US-09-702-705-1314
12	35.2	4.1	518	4	US-09-736-457-1314
13	35.2	4.1	7218	4	US-08-232-463-14
14	34.6	4.1	1553	4	US-09-392-858A-11
15	34.4	4.1	616	4	US-09-292-097-7
16	33.6	4.0	1020	4	US-09-651-200-7
17	33.6	4.0	1323	4	US-09-651-200-9
18	33.6	4.0	1476	5	FCT-US96-056-11A-18
19	33.6	4.0	1602	4	US-09-651-200-11
20	33.6	4.0	2225	4	US-09-651-200-5
21	33.6	4.0	2631	4	US-09-651-200-1
22	33.6	4.0	3353	4	US-09-651-200-3
23	33.6	4.0	3363	4	US-09-651-200-3
24	33.4	3.9	2188	1	US-07-865-662F-1C
25	33.4	3.9	2188	1	US-08-374-219B-1C
26	33.4	3.9	4757	1	US-07-865-662F-12
27	33.4	3.9	4757	3	US-08-374-219B-12

28	33.4	3.9	10136	1	US-08-353-700-2	Sequence 2, Appli
29	33.4	3.9	10136	5	PCT-US95-16216-2	Sequence 2, Appli
30	33.2	3.9	38564	4	US-09-734-673-3	Sequence 14, Appli
31	32.8	3.9	7350	3	US-07-865-662F-14	Sequence 14, Appli
32	32.8	3.8	7350	3	US-08-374-219B-16	Sequence 16, Appli
33	32.4	3.8	872	1	US-08-381-280-5	Sequence 5, Appli
34	32.4	3.8	872	1	US-08-381-280-10	Sequence 10, Appli
35	32.4	3.8	872	1	US-08-381-280-19	Sequence 19, Appli
36	32.4	3.8	872	2	US-08-445-533-5	Sequence 5, Appli
37	32.4	3.8	872	2	US-08-445-533-10	Sequence 10, Appli
38	32.4	3.8	872	2	US-08-445-533-19	Sequence 19, Appli
39	32.4	3.8	872	3	US-09-052-085-5	Sequence 5, Appli
40	32.4	3.8	872	3	US-09-052-085-10	Sequence 10, Appli
41	32.4	3.8	872	3	US-09-052-085-19	Sequence 19, Appli
42	32.2	3.8	4868	1	US-08-139-937-12	Sequence 12, Appli
43	32.2	3.8	4868	5	PCT-US93-11310-12	Sequence 12, Appli
44	32.2	3.8	8789	1	US-08-328-284-5	Sequence 5, Appli
45	32	3.8	6749	4	US-08-961-527-84	Sequence 84, Appli

#### ALIGNMENTS

RESULT 1  
US-09-996-243-290  
Sequence 290, Application US/09996243  
Patent No. 6478825  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi C.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, Audrey J.  
APPLICANT: Grimaldi, V. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kijavlin, Ivar C.  
APPLICANT: Kijavlin, Ivar C.  
APPLICANT: Nadler, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Pecht, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watarabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P13  
CURRENT APPLICATION NUMBER: US/09/996,243  
PRIOR FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065111  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28

[illegible]

1	PRIOR FILING DATE: 1998-06-27	
2	PRIOR APPLICATION NUMBER: 60/089653	
3	PRIOR FILING DATE: 1998-06-17	
4	PRIOR APPLICATION NUMBER: 60/089801	
5	PRIOR FILING DATE: 1998-06-18	
6	PRIOR APPLICATION NUMBER: 60/089907	
7	PRIOR FILING DATE: 1998-06-28	
8	PRIOR APPLICATION NUMBER: 60/089908	
9	PRIOR FILING DATE: 1998-06-19	
10	PRIOR APPLICATION NUMBER: 60/089948	
11	PRIOR FILING DATE: 1998-06-19	
12	PRIOR APPLICATION NUMBER: 60/089947	
13	PRIOR FILING DATE: 1998-06-19	
14	PRIOR APPLICATION NUMBER: 60/089952	
15	PRIOR FILING DATE: 1998-06-19	
16	PRIOR APPLICATION NUMBER: 60/090246	
17	PRIOR FILING DATE: 1998-06-22	
18	PRIOR APPLICATION NUMBER: 60/090252	
19	PRIOR FILING DATE: 1998-06-22	
20	PRIOR APPLICATION NUMBER: 60/090254	
21	PRIOR FILING DATE: 1998-06-22	
22	PRIOR APPLICATION NUMBER: 60/090349	
23	PRIOR FILING DATE: 1998-06-23	
24	PRIOR APPLICATION NUMBER: 60/090355	
25	PRIOR FILING DATE: 1998-06-23	
26	PRIOR APPLICATION NUMBER: 60/090429	
27	PRIOR FILING DATE: 1998-06-24	
28	PRIOR APPLICATION NUMBER: 60/090441	
29	PRIOR FILING DATE: 1998-06-24	
30	PRIOR APPLICATION NUMBER: 60/090435	
31	PRIOR FILING DATE: 1998-06-24	
32	PRIOR APPLICATION NUMBER: 60/090444	
33	PRIOR FILING DATE: 1998-06-24	
34	PRIOR APPLICATION NUMBER: 60/090445	
35	PRIOR FILING DATE: 1998-06-24	
36	PRIOR APPLICATION NUMBER: 60/090472	
37	PRIOR FILING DATE: 1998-06-24	
38	PRIOR APPLICATION NUMBER: 60/090535	
39	PRIOR FILING DATE: 1998-06-24	
40	PRIOR APPLICATION NUMBER: 60/090540	
41	PRIOR FILING DATE: 1998-06-24	
42	PRIOR APPLICATION NUMBER: 60/090542	
43	PRIOR FILING DATE: 1998-06-24	
44	PRIOR APPLICATION NUMBER: 60/090557	
45	PRIOR FILING DATE: 1998-06-24	
46	PRIOR APPLICATION NUMBER: 60/090676	
47	PRIOR FILING DATE: 1998-06-25	
48	PRIOR APPLICATION NUMBER: 60/090678	
49	PRIOR FILING DATE: 1998-06-25	
50	PRIOR APPLICATION NUMBER: 60/090690	
51	PRIOR FILING DATE: 1998-06-25	
52	PRIOR APPLICATION NUMBER: 60/090694	
53	PRIOR FILING DATE: 1998-06-25	
54	PRIOR APPLICATION NUMBER: 60/090695	
55	PRIOR FILING DATE: 1998-06-25	
56	PRIOR APPLICATION NUMBER: 60/090833	
57	PRIOR FILING DATE: 1998-06-26	
58	PRIOR APPLICATION NUMBER: 60/091360	
59	PRIOR FILING DATE: 1998-07-01	
60	PRIOR APPLICATION NUMBER: 60/091478	
61	PRIOR FILING DATE: 1998-07-02	
62	PRIOR APPLICATION NUMBER: 60/091544	
63	PRIOR FILING DATE: 1998-07-01	
64	PRIOR APPLICATION NUMBER: 60/091549	
65	PRIOR FILING DATE: 1998-07-02	
66	PRIOR APPLICATION NUMBER: 60/091626	
67	PRIOR FILING DATE: 1998-07-02	
68	PRIOR APPLICATION NUMBER: 60/091633	
69	PRIOR FILING DATE: 1998-07-02	